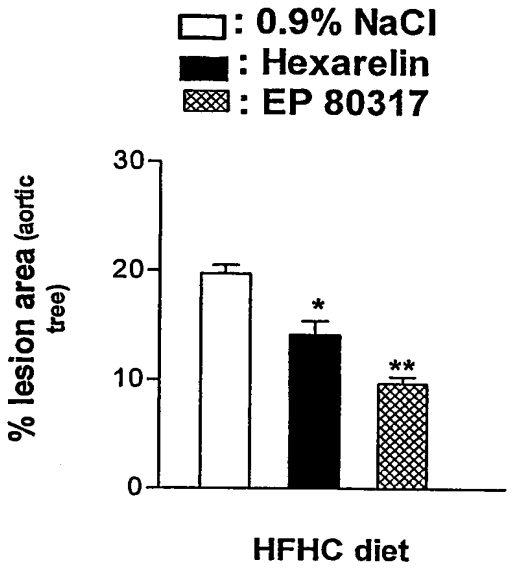
ApoE-null mice, 12 weeks treatment with GHRPs



*, $p < 0.01$ and **, $p < 0.001$ compared with 0.9% NaCl; #, $p < 0.05$ compared with HEX

Figure 1A

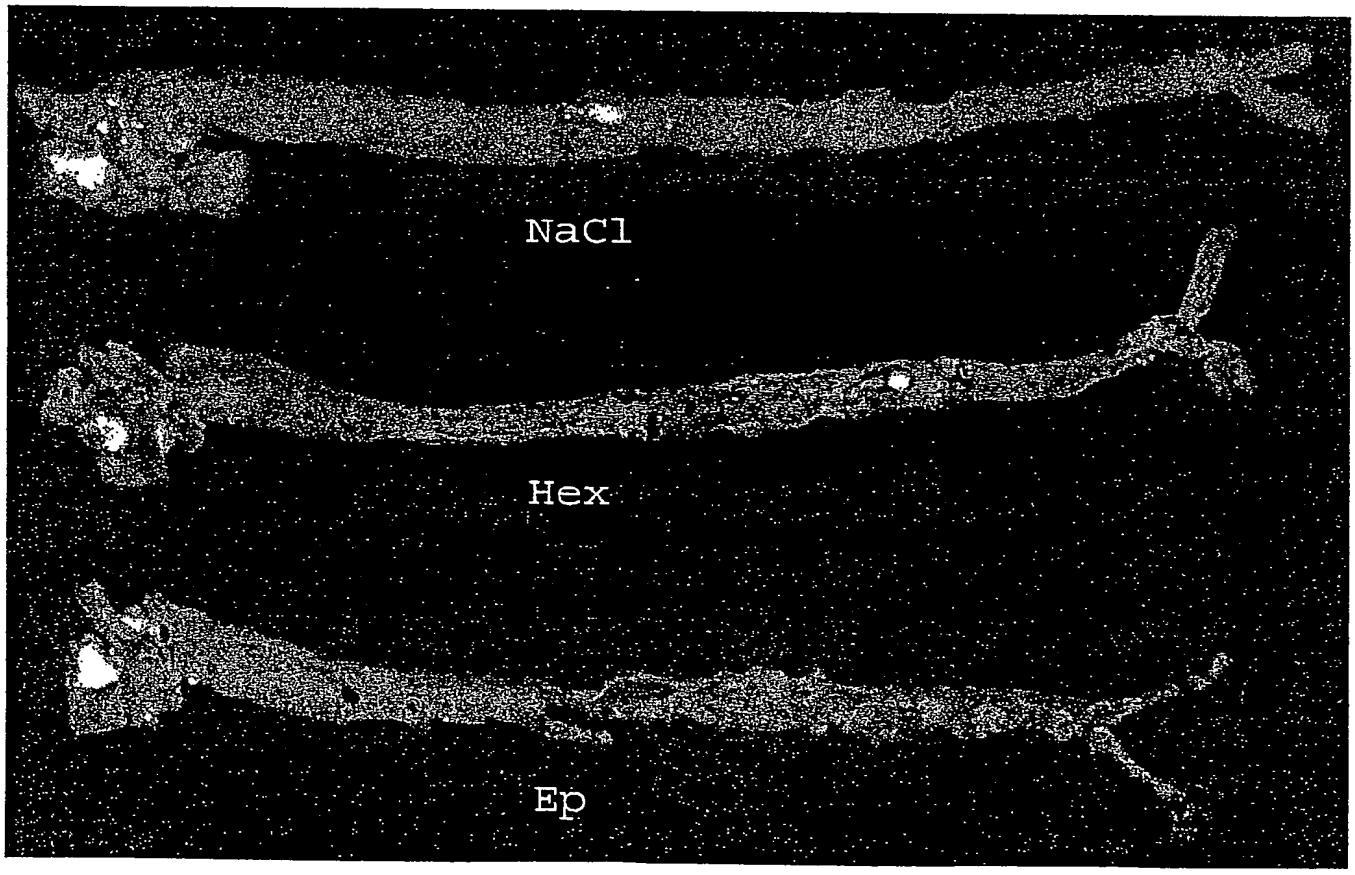
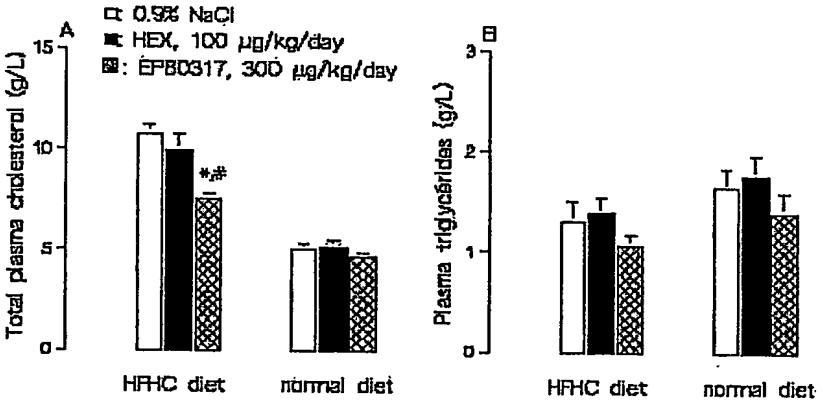
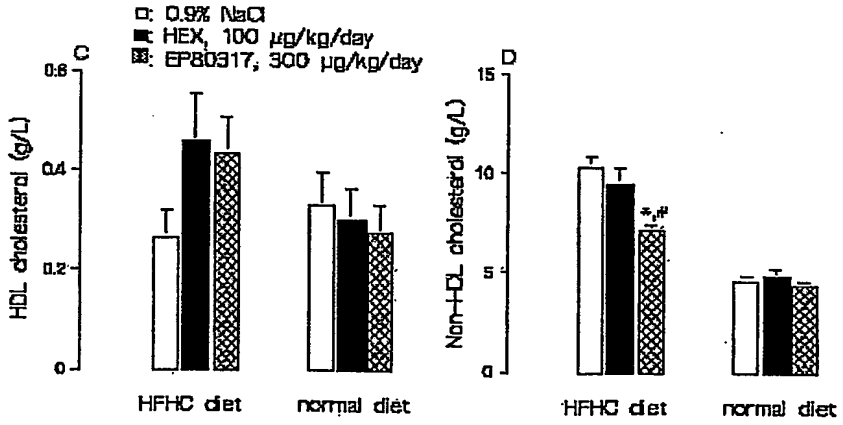


FIGURE 1B

ApoE null mice, 12 weeks treatment with GHRPs



*, p < 0.01 compared with 0.9% NaCl; #, p < 0.01 compared with HEX



*, p < 0.01 compared with 0.9% NaCl; #, p < 0.01 compared with HEX

Figure 2

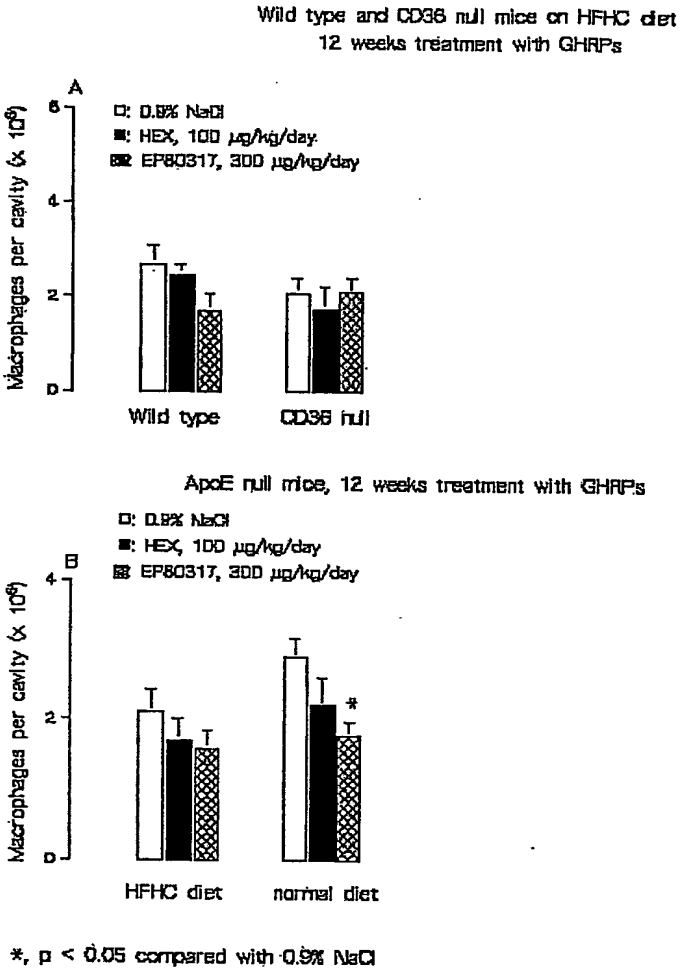

Wild type and CD36 null mice on HFHC diet
12 weeks treatment with GHRPs
A
□: 0.9% NaCl
■: HEX, 100 µg/kg/day
▩ EP80317, 300 µg/kg/day
Macrophages per cavity (x 10⁶)
6
4
2
0
Wild type
CD36 null
ApoE null mice, 12 weeks treatment with GHRPs
B
□: 0.9% NaCl
■: HEX, 100 µg/kg/day
▩ EP80317, 300 µg/kg/day
Macrophages per cavity (x 10⁶)
4
2
0
*
HFHC diet
normal diet
*, p < 0.05 compared with 0.9% NaCl

Figure 3

Western blot, ApoE-null 12 weeks treatment with GHRPs

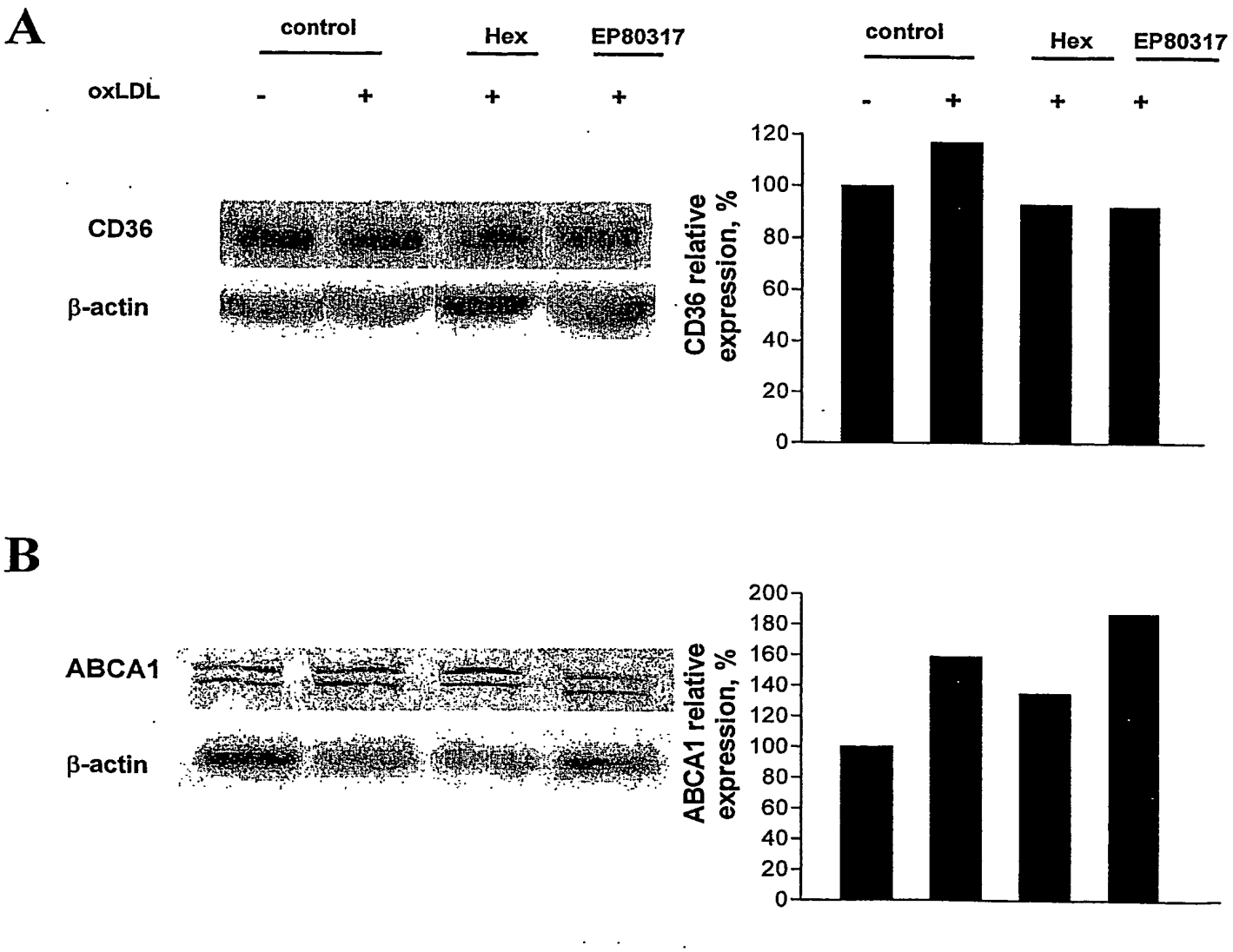
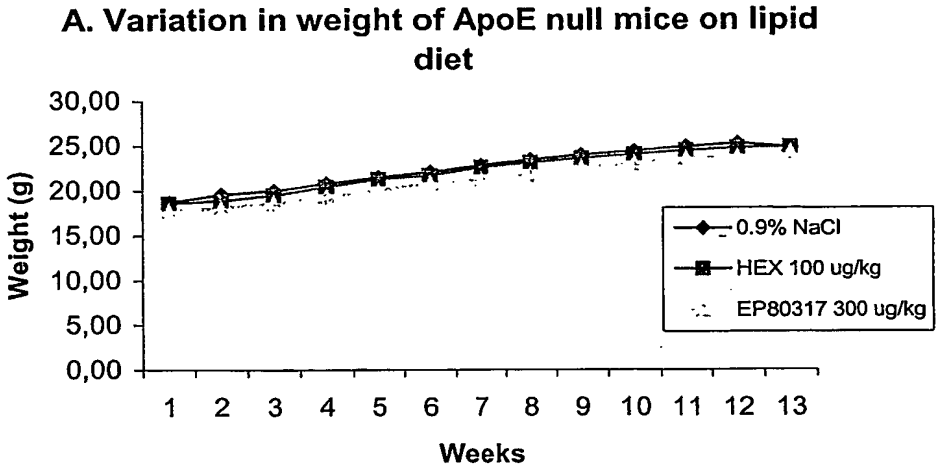


Figure 4


A. Variation in weight of ApoE null mice on lipid diet
30,00
25,00
20,00
15,00
10,00
5,00
0,00
Weight (g)
1 2 3 4 5 6 7 8 9 10 11 12 13
Weeks
0.9% NaCl
HEX 100 ug/kg
EP80317 300 ug/kg

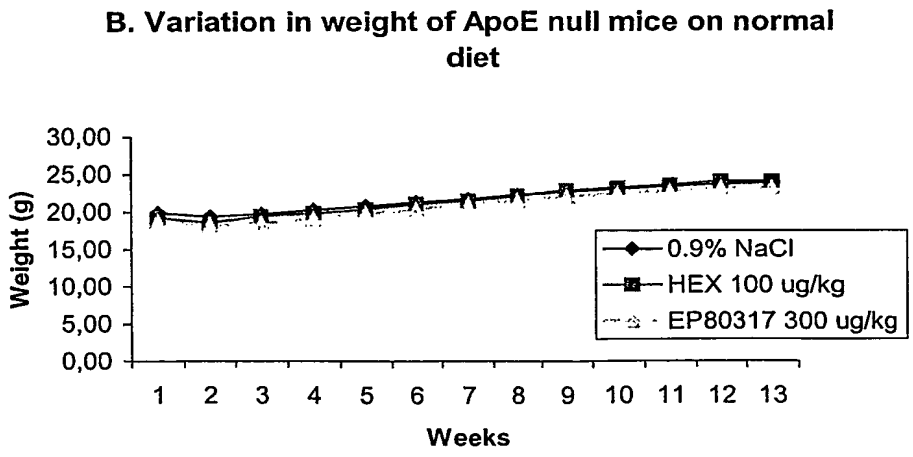
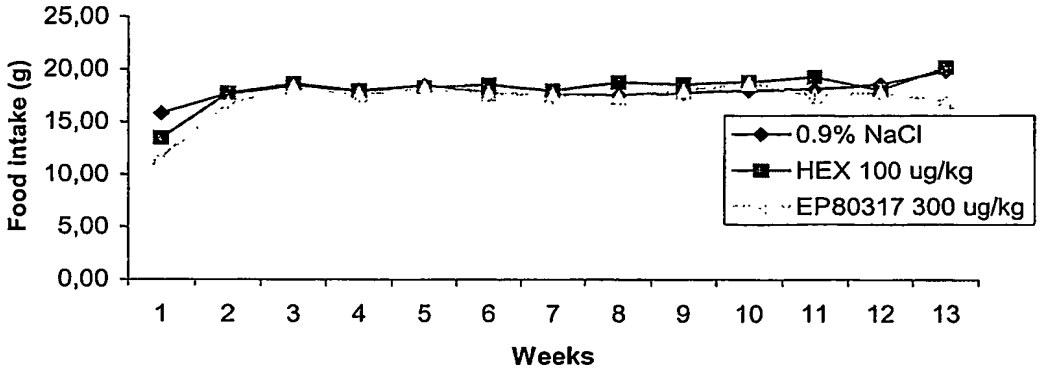

B. Variation in weight of ApoE null mice on normal diet
30,00
25,00
20,00
15,00
10,00
5,00
0,00
Weight (g)
1 2 3 4 5 6 7 8 9 10 11 12 13
Weeks
0.9% NaCl
HEX 100 ug/kg
EP80317 300 ug/kg

Figure 5

A. Food intake per week in ApoE null mice on lipid diet



B. Food intake per week in ApoE null mice on normal diet

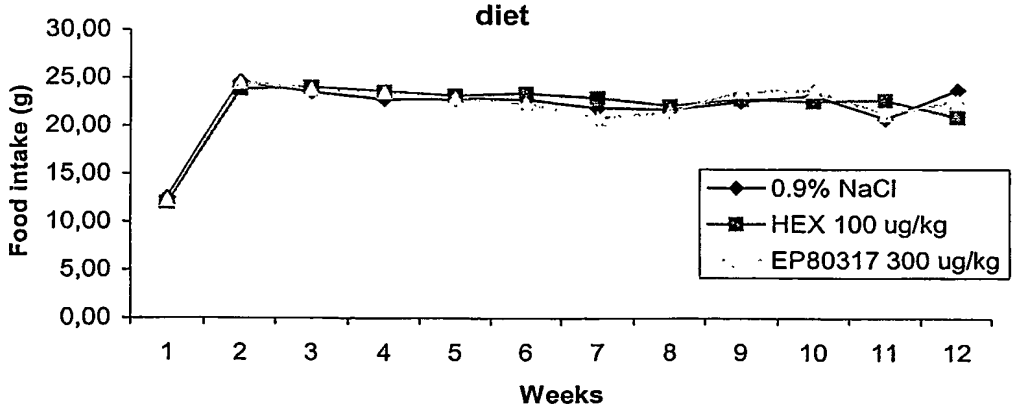


Figure 6

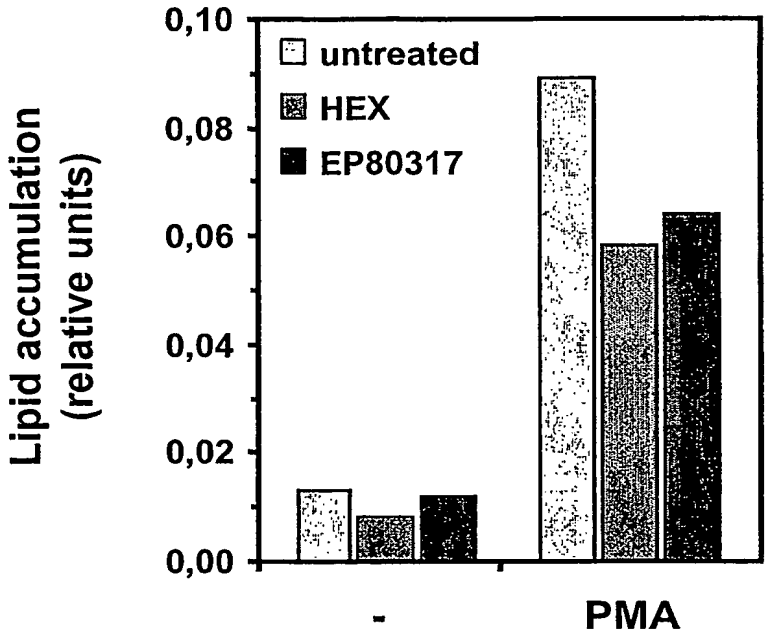


Figure 7A

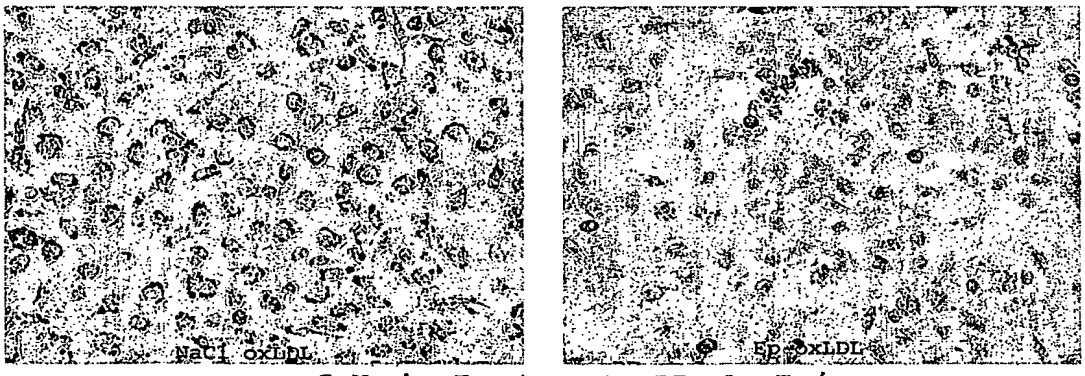


Figure 7B

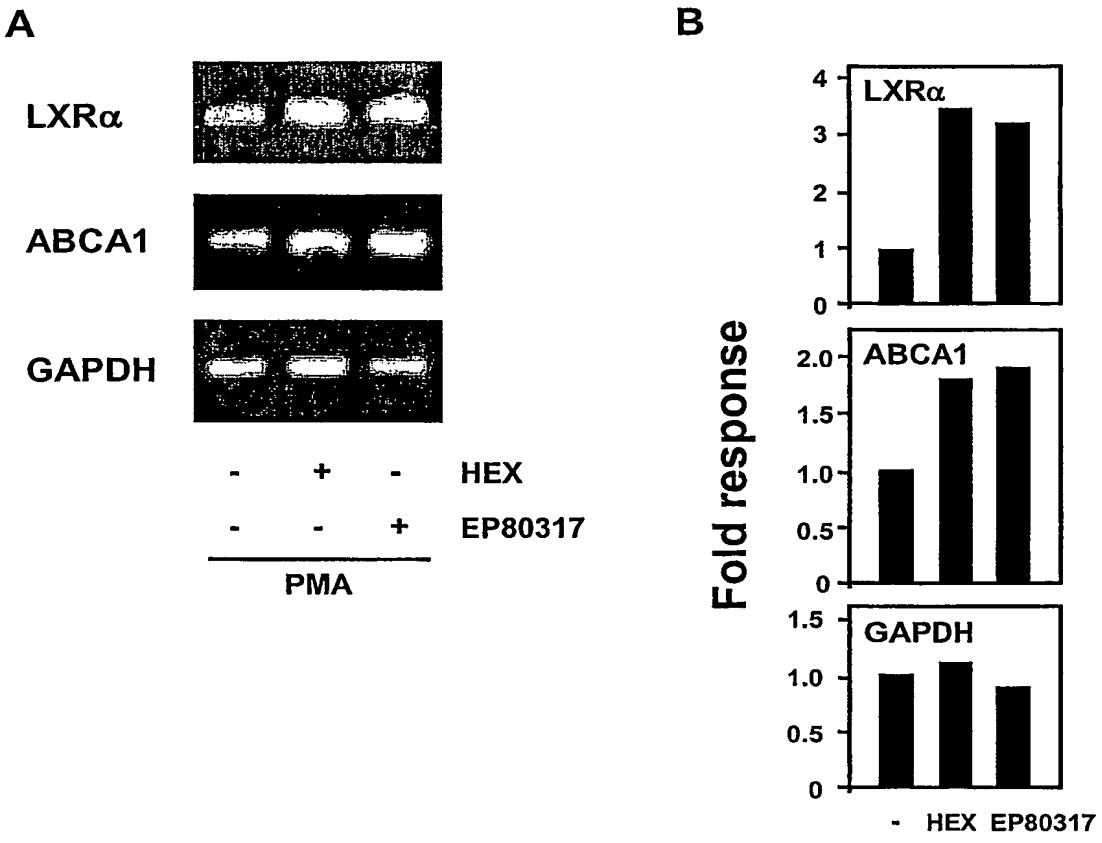

A
LXRα
ABCA1
GAPDH
- + - HEX
- - + EP80317
PMA
B
Fold response
LXRα
ABCA1
GAPDH
4
3
2
1
0
2.0
1.5
1.0
0.5
0
1.5
1.0
0.5
0
- HEX EP80317

Figure 8

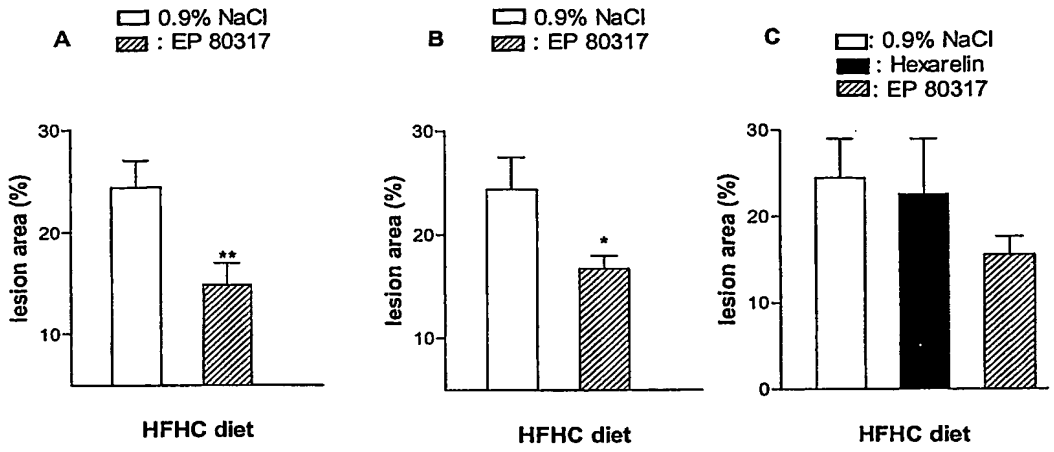


Figure 9

A: 8 weeks (from 10 to 18 weeks of age) treatment with EP80317 or 0.9% NaCl solution.

B: 6 weeks (from 12 to 18 weeks of age) treatment with EP80317 or 0.9% NaCl solution.

C: 4 weeks (from 14 to 18 weeks of age) treatment with EP80317 or 0.9% NaCl solution.

The symbols * and ** indicate $P<0.05$ and $P < 0.02$, respectively, compared to vehicle.